

**FUT8 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11123c****Specification**

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**FUT8 Antibody (Center) Blocking peptide - Product Information**Primary Accession [Q9BYC5](#)**FUT8 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 2530**Other Names**

Alpha-(1, 6)-fucosyltransferase, Alpha1-6FucT, Fucosyltransferase 8, GDP-L-Fuc:N-acetyl-beta-D-glucosaminide alpha1, 6-fucosyltransferase, GDP-fucose--glycoprotein fucosyltransferase, Glycoprotein 6-alpha-L-fucosyltransferase, FUT8

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**FUT8 Antibody (Center) Blocking peptide - Protein Information****Name** FUT8**Function**

Catalyzes the addition of fucose in alpha 1-6 linkage to the first GlcNAc residue, next to the peptide chains in N-glycans.

**Cellular Location**

Golgi apparatus, Golgi stack membrane; Single-pass type II membrane protein  
Note=Membrane-bound form in trans cisternae of Golgi.

**FUT8 Antibody (Center) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**FUT8 Antibody (Center) Blocking peptide - Images**

### **FUT8 Antibody (Center) Blocking peptide - Background**

This enzyme belongs to the family of fucosyltransferases. The product of this gene catalyzes the transfer of fucose from GDP-fucose to N-linked type complex glycopeptides. This enzyme is distinct from other fucosyltransferases which catalyze  $\alpha$ 1-2,  $\alpha$ 1-3, and  $\alpha$ 1-4 fucose addition. The expression of this gene may contribute to the malignancy of cancer cells and to their invasive and metastatic capabilities. Alternatively spliced variants encoding different isoforms have been identified.

### **FUT8 Antibody (Center) Blocking peptide - References**

Rose, J. Phd, et al. Mol. Med. (2010) In press : Wang, X., et al. J. Biochem. 145(5):643-651 (2009) Kudo, T., et al. Mol. Cancer 6, 32 (2007) : Ihara, H., et al. Glycobiology 16(4):333-342 (2006) Ito, Y., et al. Cancer Lett. 200(2):167-172 (2003)